
 <p>John Emmerson Batty Primary Long Term Plan</p> <p><b>Design &amp; Technology</b></p> <p><b>(Year A)</b></p>		Skills and Processes	1	Structures					
			2	Textiles					
			3	Mechanical systems					
			4	Cooking and Nutrition					
			5	Electrical Systems (KS2)					
			6	Pneumatics (KS2)					
<b>Skills and Processes involved</b> - Indicated by term or <b>C</b> for continuous									
Year	Term 1	Term 2	Term 3	1	2	3	4	5	6
Nursery	<b>Continuous provision:</b> <b>Construction:</b> Wooden blocks, bricks, Duplo, lego, sticklebricks, mobile people, vehicles, animals, images, posters, photographs, maps, routes, drawings, cameras, books, - non-fiction and fiction, clipboards and paper, road mats, fabric, mirrors, telephones, walkie-talkies, tape measure, tools, hard hats, wheelbarrows, trolleys, tyres, planks, characters from stories, name labels for displaying finished products. <b>Mark Making:</b> Mark makers - pencils, pens, felt tips, crayons, chalks, tools - scissors, rulers, hole punch, staplers, paper clips, treasury tags, glue sticks paper - varying sizes, plain, lined, card, postcards, envelopes, notepads, diaries, white boards, magnetic letters, clipboards, alphabet frieze, high frequency words, name cards, books, - fiction, non-fiction, dictionaries, writing templates - letter, story, recipes, instructions, menu cards, appointment books, messy play trays, sand, foam, cornflour <b>Creative:</b> Variety of materials - boxes, cartons, wood, fabric, straws, ribbon, wool, bottle tops, a variety of paper - card, sugar paper, tissue paper, cellophane, foil, magazines, newspaper, fasteners - paper clips, split pins, elastic bands, stapler, clear tape, masking tape, string, glue, scissors, rulers, pencils, pens, books - non-fiction, fiction, clipboards and paper, pipe cleaners, sequins, beads, buttons, braid, glitter, characters from stories, name labels, for displaying finished products.								
Reception									
Year 1	Food - Fruit Salad		Structures - lunch boxes Textiles - testing materials for waterproofing	3	3		1		
Year 2	Food - Healthy Sandwich Textiles - Stick puppets		Mechanical Systems - Robots		1	3	1		
Year 3/4	Textiles - Egyptian necklaces Mechanisms - Pulleys and Levers	Structures - Viking Longboats Electrical systems/Structures - Lighthouses	Structures - Den Building (Outdoor)	2 & 3	1	1		2	
Year 5/6	Food - Victorian pasties - frying, boiling, cutting, baking	Textiles - Mayan Bags - measuring, cutting, stitching (machine)	Structures - Anglo Saxon housing/huts	3	2		1		

 <p style="text-align: center;">John Emmerson Batty Primary Long Term Plan <b>Design &amp; Technology</b> (Year B)</p>		Skills and Processes	1							
			2	3	4	5	6	Skills and Processes involved - Indicated by term or C for continuous		
Year	Term 1	Term 2	Term 3	1	2	3	4	5	6	
Nursery	<b>Continuous provision: Construction:</b> Wooden blocks, bricks, Duplo, lego, sticklebricks, mobile people, vehicles, animals, images, posters, photographs, maps, routes, drawings, cameras, books, - non-fiction and fiction, clipboards and paper, road mats, fabric, mirrors, telephones, walkie-talkies, tape measure, tools, hard hats, wheelbarrows, trolleys, tyres, planks, characters from stories, name labels for displaying finished products. <b>Mark Making:</b> Mark makers - pencils, pens, felt tips, crayons, chalks, tools - scissors, rulers, hole punch, staplers, paper clips, treasury tags, glue sticks paper - varying sizes, plain, lined, card, postcards, envelopes, notepads, diaries, white boards, magnetic letters, clipboards, alphabet frieze, high frequency words, name cards, books, - fiction, non-fiction, dictionaries, writing templates - letter, story, recipes, instructions, menu cards, appointment books, messy play trays, sand, foam, cornflour <b>Creative:</b> Variety of materials - boxes, cartons, wood, fabric, straws, ribbon, wool, bottle tops, a variety of paper - card, sugar paper, tissue paper, cellophane, foil, magazines, newspaper, fasteners - paper clips, split pins, elastic bands, stapler, clear tape, masking tape, string, glue, scissors, rulers, pencils, pens, books - non-fiction, fiction, clipboards and paper, pipe cleaners, sequins, beads, buttons, braid, glitter, characters from stories, name labels, for displaying finished products.									
Reception										
Year 1	Food - Fruit Salad		Structures - lunch boxes Textiles - testing materials for waterproofing	3	3		1			
Year 2	Food - Healthy Sandwich Textiles - Stick puppets		Mechanical Systems - Robots		1	3	1			
Year 3/4	Nutrition - Edible salads / Foraging / designing menu (link to Stone Age) Structures - clay Stone Age weapons Structures - Stone Age stone circles, villages Pneumatics - construction of 2 simple systems Mechanical systems - designing traps	Structures/Textiles - Roman pottery Structures/Textiles - Roman mosaics design & 3D work		1 2	2	1	1		1	
Year 5/6	Famous architects -use of Greek architecture - columns - Sir Robert Smirke	Structures - Bridges - research, design, test	Electrical/mechanical systems - Solar powered cars	1 2		3		3		